

**Amendments to the Abstract**

Please replace the existing abstract with the following:

N1 --A system is described for monitoring the swing path of a golf club head and for monitoring flight characteristics of a golf ball following impact. A processor utilizes data from spaced apart spaced sensor arrays in determining the club head speed and head angle of a golf club during the swing phase of the club. Image capture devices captures successive images of the ball after impact, and the system processor generates data reflecting ball flight characteristics based on a comparison of the images.--